



Docket No. F-7282

Ser. No. 10/055,648

IN THE CLAIMS:

1. (Currently amended) A solid polymeric lubricant composition which is obtained by mixing a polymer with lubricating oil and solidifying said mixture, wherein

a kinematic viscosity of said lubricating oil is in a range of ~~[[10]]~~ 100 to ~~[[200]]~~ 160 mm²/s at 40°C, and an extreme pressure additive and/or an antiwear agent is blended with said lubricating oil, and a blending ratio of said extreme pressure additive and/or anti-wear agent to said lubricating oil is 0.5 to 10 wt%.

2. (Currently amended) A solid polymeric lubricant composition according to claim 1, wherein a blending ratio of said extreme pressure additive and/or said antiwear agent to said lubricating oil is ~~[[0.5]]~~ 2 to ~~[[10]]~~ 5 wt%.

3. (Currently amended) A polymeric lubricant packed rolling bearing in which a plurality of rolling elements are rotatably placed between an inner race and an outer race, and a polymeric lubricant which is obtained by mixing a polymer with lubricating oil or grease and heating and solidifying said mixture is packed in a space formed between said inner race and said outer race, and said rolling elements, wherein

said polymeric lubricant is a solid polymeric lubricant composition according to claim 1 ~~[[or 2]]~~, 2, 3 or 6.

4. (New) A solid polymeric lubricant composition according to claim 1 or 2, wherein said extreme pressure additive and/or anti-wear agent is phosphate or carbamate in organometallic complexes and in which the metal is Zn or Mo.

5. (New) A solid polymeric lubricant composition according to claim 1 or 2, wherein

said lubricating oil is a mineral oil having a kinematic viscosity of 145 to 155 mm²/s at 40°C, said extreme pressure additive and/or anti-wear agent is 1.5 to 2.5 wt% of phosphate or a carbamate in organometallic complexes and in which the metal element is Zn or Mo, and said polymer is a polyethylene resin of molecular weight 1,950,00 to 2,050,000 and melting point 130 to 140°C.

6. (New) A solid polymeric lubricant composition according to claim 5, wherein a blending ratio of said extreme pressure additive and/or anti-wear agent to said lubricating oil is 0.5 to 10 wt%.